



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Receipt

IN RE APPLICATION OF:

)

GROUP ART UNIT: 2631

Maurice W. Peterson et al.

)

EXAMINER: N/A

SERIAL NO.: 09/931,493

)

DOCKET REF.: 99CR098/KE

FILED: August 16, 2001

)

SUBMITTED: October 11, 2001

FOR: "System For Phase, Gain And DC Offset Error Correction For A Quadrature Modulator"

REQUEST FOR CORRECTED FILING RECEIPT

Hon. Commissioner of Patents and Trademarks  
ATTENTION: Application Processing Division  
Customer Correction Branch  
Washington, D.C. 20231

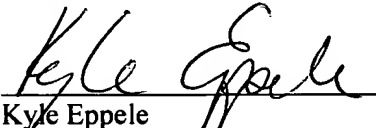
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NOV 02 2001  
Technology Center 2600

Dear Sir:

Applicant hereby requests that a corrected Filing Receipt be issued in the above-identified patent application. The official Filing Receipt received by Applicant, a copy of which is attached hereto, has an error in the title. The title "Syster For Phase, Gain, And DC Offset Error Correction For A Quadrature Modulator" should appear as "System For Phase, Gain And DC Offset Error Correction For A Quadrature Modulator". This was indicated on the Power of Attorney, a copy of which is enclosed herewith.

Applicant additionally requests that all pertinent Patent and Trademark Office records relating to the instant application be changed to reflect the correction in the title.

Respectfully submitted,

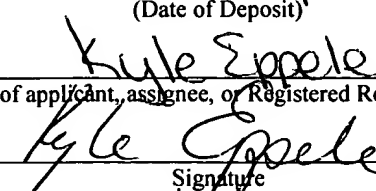
  
Kyle Eppele  
Attorney of Record  
Reg. No. 34,155

Rockwell Collins, Inc.  
Intellectual Property Department  
400 Collins Road NE M/S 124-323  
Cedar Rapids, IA 52498  
Telephone (319) 295-8280  
Facsimile No. (319) 295-8777  
Customer No. 26383

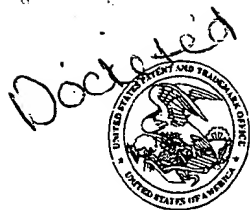
I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231, on

October 11, 2001  
(Date of Deposit)

Name of applicant, assignee, or Registered Representative

  
Signature

10/11/01  
Date of Signature



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/931,493	08/16/2001	2631	710	99CR098/KE	7	20	3

CONFIRMATION NO. 3675

## FILING RECEIPT



\*OC00000006810756\*

Rockwell Collins, Inc.  
Attention: Kyle Eppele  
M/S 124-323  
400 Collins Rd. NE  
Cedar Rapids, IA 52498

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Date Mailed: 09/28/2001

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Maurice W. Peterson, Swisher, IA;  
Richard A. Groshong, Marion, IA;

## Assignment For Published Patent Application

Rockwell Collins, Inc., Cedar Rapids, IA;

## Domestic Priority data as claimed by applicant

## Foreign Applications

If Required, Foreign Filing License Granted 09/27/2001

Projected Publication Date: Request for Non-Publication Acknowledged

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Non-Publication Request: Yes

OCT 01 2001

Early Publication Request: No

ROCKWELL PATENT DEPT.  
CEDAR RAPIDS, IA

## Title

Syster for phase, gain, and DC offset error correction for a quadrature modulator

Preliminary Class  
375



**LICENSE FOR FOREIGN FILING UNDER  
Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

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**NOV 02 2001**

**Technology Center 2600**

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The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

**NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

## ASSIGNMENT OF INVENTION

WHEREAS, **Maurice W. Peterson**, of **Swisher**, County of **Johnson**, and State of **Iowa**, and **Richard A. Groshong**, of **Marion**, County of **Linn**, and State of **Iowa**, hereinafter sometimes referred to as "inventors", have invented certain new and useful improvements in

**System For Phase, Gain And DC Offset Error Correction For A Quadrature Modulator** which invention or inventions (hereinafter referred to as "inventions") have been disclosed to and filed, under Docket No. **99CR098/KE**, in the patent files of the inventor's employer, **ROCKWELL COLLINS, INC.**, and which invention is covered by a patent application, executed and filed concurrently herewith.

It is now agreed that, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, said inventors have sold, assigned and transferred and by these presents sell, assign and transfer unto **ROCKWELL COLLINS, INC.**, the entire right, title and interest in and to said invention in and to said application, for the territory of the United States of America and for all foreign countries; said invention and application to be held and enjoyed by the said **ROCKWELL COLLINS, INC.**, for its own use and for the use of its successors and assigns, to the full end of the term for which Letters Patent on same will be granted, as fully and entirely as the same would have been held by said inventors had this Assignment and sale not been made.

FURTHER, said inventors hereby agree to sign all lawful papers necessary or helpful in obtaining patents, whether U.S. or foreign, on said invention or filing any divisional, continuation, substitution, or reissue application on said invention.

Executed at **Cedar Rapids**, County of **Linn** and State of **Iowa**, this **13<sup>th</sup>** day of **August, 2001**.

  
**Maurice W. Peterson** Inventor

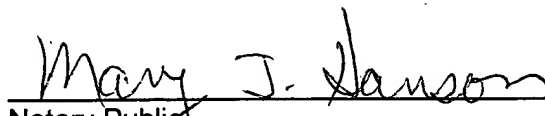
  
**Richard A. Groshong** Inventor

State of **IOWA** )  
County of **LINN** )

On this **13<sup>th</sup>** day of **August, 2001**, before me personally appeared **Maurice W. Peterson** and **Richard A. Groshong**, to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same.

(Seal)



  
Notary Public  
Expires: **10-21-01**



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Bib Data Sheet

CONFIRMATION NO. 3675

<b>SERIAL NUMBER</b> 09/931,493	<b>FILING DATE</b> 08/16/2001 <b>RULE</b>	<b>CLASS</b> 375	<b>GROUP ART UNIT</b> 2631	<b>ATTORNEY DOCKET NO.</b> 99CR098/KE
<b>APPLICANTS</b> Maurice W. Peterson, Swisher, IA; Richard A. Groshong, Marion, IA;				
** CONTINUING DATA *****				
** FOREIGN APPLICATIONS *****				
<b>IF REQUIRED, FOREIGN FILING LICENSE GRANTED</b> ** 09/27/2001				
Foreign Priority claimed 35 USC 119 (a-d) conditions met Verified and Acknowledged	<input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance Examiner's Signature _____ Initials _____	<b>STATE OR COUNTRY</b> IA	<b>SHEETS DRAWING</b> 7	<b>TOTAL CLAIMS</b> 20 <b>INDEPENDENT CLAIMS</b> 3
<b>ADDRESS</b> Rockwell Collins, Inc. Attention: Kyle Epele M/S 124-323 400 Collins Rd. NE Cedar Rapids ,IA 52498				
<b>TITLE</b> System for phase, gain, and DC offset error correction for a quadrature modulator				
<b>FILING FEE RECEIVED</b> 710	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit	